

State Water Resources Control Board

UST CASE CLOSURE SUMMARY

Agency Information

Current Agency Name: State Water Resources Control Board (State Water Board)	Address: 1001 I Street, P.O. Box 2231 Sacramento, CA 95812
Current Agency Caseworker: Mr. Matthew Cohen	Case No.: N/A
Former Agency Name: Los Angeles City Fire Department (Prior to 8/1/2013)	Address: 200 North Main Street, Suite 1780 Los Angeles, CA 90012
Former Agency Caseworker: Mr. Eloy Luna	Case No.: None

Case Information

USTCF Claim No.: None	Global ID: T10000004966
Site Name: Pico Holt LLC	Site Address: 8596 West Pico Boulevard Los Angeles, CA 90035 (Site)
Responsible Party: Pico Holt LLC Attention: Mr. Nahum Sahar	Address: 309 North Oakhurst Drive Beverly Hills, CA 90210
USTCF Expenditures to Date: N/A	Number of Years Case Open: 6

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004966

Summary

The Low-Threat Underground Storage Tank Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case meets all of the required criteria of the Policy.

The release was discovered when three underground storage tanks (USTs), dispensers, and associated product piping were removed from the Site in September 2007. Initial sampling indicated concentrations of petroleum constituents in the soil beneath the former USTs. A site assessment was conducted in March 2013. Petroleum constituents below the Policy criteria were reported in soil and groundwater. The Site is currently an unoccupied auto repair shop.

Groundwater was encountered during Site assessment at approximately 23 feet below ground surface (bgs). The petroleum constituents detected in groundwater did not exceed water quality objectives (WQOs). The nearest public supply well and surface water body are greater than 1,000 feet from the Site. Additional corrective action will not likely change the conceptual site model. Residual petroleum constituents do not pose significant risk to human health, safety, or the environment.

Rationale for Closure under the Policy

- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – Site meets the criterion in **CLASS 1**. The contaminant plume that exceeds WQOs is less than 100 feet in length. There is no free product. The nearest water supply well or surface water body is greater than 250 feet from the defined plume boundary.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **CRITERION 2 (a), Scenario 3**. The maximum benzene concentration in groundwater is less than 100 micrograms per liter (µg/L). The minimum depth to groundwater is greater than 5 feet, overlain by soil containing less than 100 mg/kg of TPH.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERION (3) a**. Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in Table 1. The estimated naphthalene concentrations are less than the thresholds in Table 1 of the Policy for direct contact. There are no soil sample results in the case record for naphthalene. However, the relative concentration of naphthalene in soil can be conservatively estimated using the published relative concentrations of naphthalene and benzene in gasoline. Taken from Potter and Simmons (1998), gasoline mixtures contain approximately 2% benzene and 0.25% naphthalene. Therefore, benzene concentrations can be used as a surrogate for naphthalene concentrations with a safety factor of eight. Benzene concentrations from the Site are below the naphthalene thresholds in Table 1 of the Policy. Therefore, estimated naphthalene concentrations meet the thresholds in Table 1 and the Policy criteria for direct contact with a safety factor of eight. It is highly unlikely that naphthalene concentrations in the soil, if any, exceed the threshold.

Recommendation for Closure

The corrective action performed at this Site ensures the protection of human health, safety, and the environment, and is consistent with chapter 6.7 of the Health and Safety Code and implementing regulations, applicable state policies for water quality control, and the applicable water quality control plan, and case closure is recommended.



George Lockwood, PE No. 59556
Senior Water Resource Control Engineer

3/28/14

Date

